

## Connecting via Winsock to STN

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \* \* \* \* \*

NEWS 1            Web Page for STN Seminar Schedule - N. America  
NEWS 2 DEC 01 ChemPort single article sales feature unavailable  
NEWS 3 APR 03 CAS coverage of exemplified prophetic substances enhanced  
NEWS 4 APR 07 STN is raising the limits on saved answers  
NEWS 5 APR 24 CA/CAplus now has more comprehensive patent assignee information  
NEWS 6 APR 26 USPATFULL and USPAT2 enhanced with patent assignment/reassignment information  
NEWS 7 APR 28 CAS patent authority coverage expanded  
NEWS 8 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced  
NEWS 9 APR 28 Limits doubled for structure searching in CAS REGISTRY  
NEWS 10 MAY 08 STN Express, Version 8.4, now available  
NEWS 11 MAY 11 STN on the Web enhanced  
NEWS 12 MAY 11 BEILSTEIN substance information now available on STN Easy  
NEWS 13 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format  
-  
NEWS 14 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal status data  
NEWS 15 MAY 28 CAS databases on STN enhanced with NANO super role in records back to 1992  
NEWS 16 JUN 01 CAS REGISTRY Source of Registration (SR) searching enhanced on STN  
NEWS 17 JUN 26 NUTRACEUT and PHARMAML no longer updated  
  
NEWS 18 JUN 29 IMSCOPROFILE now reloaded monthly  
  
NEWS 19 JUN 29 EPFULL adds SLART to AB, MCLM, and TI fields  
  
NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.  
  
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Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 15:47:22 ON 30 JUN 2009

=> FILE CASLINK  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
	0.44

FILE 'CAPLUS' ENTERED AT 15:48:37 ON 30 JUN 2009  
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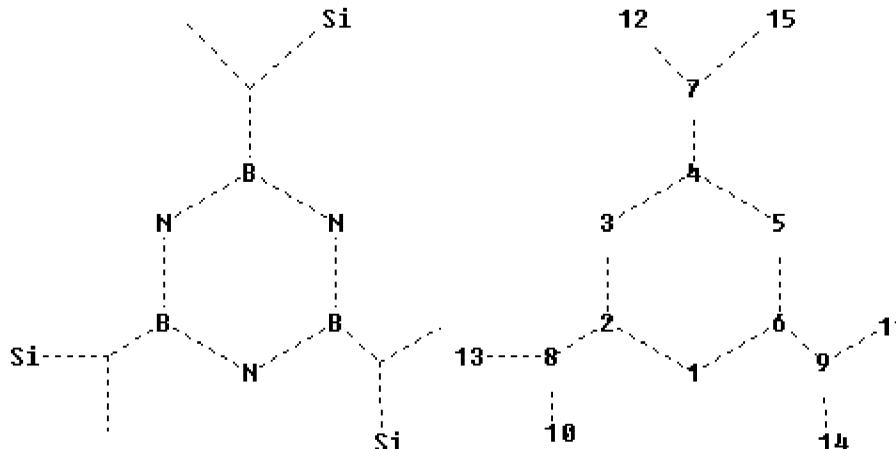
FILE 'MARPAT' ENTERED AT 15:48:37 ON 30 JUN 2009  
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CLUSTER 'CASLINK' ENTERED

Predefined command sequences will be executed in  
 REGISTRY, MARPAT, and CAPLUS.

=>  
 Uploading C:\TDH\PTA\Application\Examination\Series 10\10 544211\STN\STN 10544211  
 062930AA.str



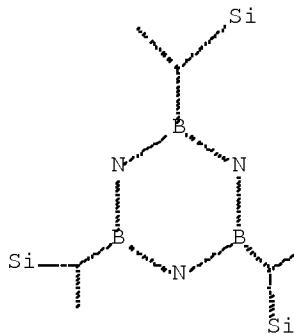
chain nodes :  
 7 8 9 10 11 12 13 14 15  
 ring nodes :  
 1 2 3 4 5 6  
 chain bonds :  
 2-8 4-7 6-9 7-12 7-15 8-10 8-13 9-11 9-14  
 ring bonds :  
 1-2 1-6 2-3 3-4 4-5 5-6  
 exact/norm bonds :  
 1-2 1-6 2-3 2-8 3-4 4-5 4-7 5-6 6-9 7-12 7-15 8-10 8-13 9-11 9-14

Match level :

```
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS
```

```
L1      STRUCTURE UPLOADED
```

```
=> D  
L1 HAS NO ANSWERS  
L1      STR
```



```
Structure attributes must be viewed using STN Express query preparation.
```

```
=> S L1 SSS SAM
```

```
S L1 SSS SAM FILE=REGISTRY  
SAMPLE SEARCH INITIATED 15:49:14 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED -      10 TO ITERATE
```

```
100.0% PROCESSED      10 ITERATIONS          1 ANSWERS  
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS: ONLINE **COMPLETE**  
                      BATCH **COMPLETE**  
PROJECTED ITERATIONS:      11 TO      389  
PROJECTED ANSWERS:         1 TO       80
```

```
L2      1 SEA SSS SAM L1  
1 FILES SEARCHED...
```

```
S L2 SSS SAM FILE=MARPAT  
SAMPLE SEARCH INITIATED 15:49:15 FILE 'MARPAT'  
SAMPLE SCREEN SEARCH COMPLETED -      31 TO ITERATE
```

```
100.0% PROCESSED      31 ITERATIONS          0 ANSWERS  
SEARCH TIME: 00.00.01
```

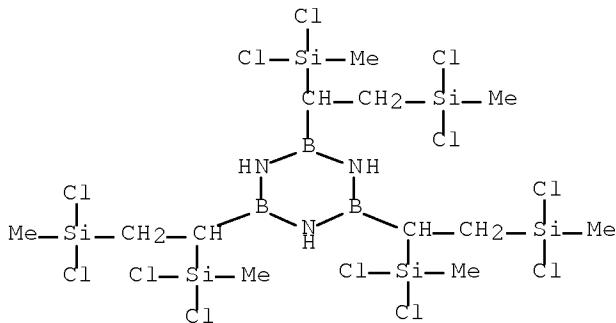
```
FULL FILE PROJECTIONS: ONLINE **COMPLETE**  
                      BATCH **COMPLETE**  
PROJECTED ITERATIONS:      286 TO      954  
PROJECTED ANSWERS:         0 TO       0
```

```
L3      0 SEA SSS SAM L1
```

1 FILES SEARCHED...

=> D SCAN L2

L2 1 ANSWERS  REGISTRY COPYRIGHT 2009 ACS on STN  
IN Borazine, 2,4,6-tris[1,2-bis(dichloromethylsilyl)ethyl]-  
MF C12 H30 B3 Cl12 N3 Si6  
CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> S L1 SSS FULL

S L1 SSS FUL FILE=REGISTRY  
FULL SEARCH INITIATED 15:50:10 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 160 TO ITERATE

100.0% PROCESSED 160 ITERATIONS 6 ANSWERS  
SEARCH TIME: 00.00.01

L4 6 SEA SSS FUL L1  
1 FILES SEARCHED...

S L4 SSS FUL FILE=MARPAT  
FULL SEARCH INITIATED 15:50:11 FILE 'MARPAT'  
FULL SCREEN SEARCH COMPLETED - 665 TO ITERATE

100.0% PROCESSED 665 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

L5 2 SEA SSS FUL L1  
1 FILES SEARCHED...

S L4 FILE=CAPLUS  
L6 6 FILE CAPLUS  
1 FILES SEARCHED...

SET DUPORDER FILE  
SET COMMAND COMPLETED

DUP REM L5 L6  
PROCESSING COMPLETED FOR L5  
PROCESSING COMPLETED FOR L6  
L7        8 DUP REM L5 L6 (0 DUPLICATES REMOVED)  
            ANSWERS '1-2' FROM FILE MARPAT  
            ANSWERS '3-8' FROM FILE CAPLUS

=> D L7 1-8

L7    ANSWER 1 OF 8 MARPAT COPYRIGHT 2009 ACS on STN  
AN    145:189021 MARPAT Full-text  
TI    Improved process for continuous production of oligomeric and polymeric organic borylated silazanes by aminolysis silyl boron halides or borylated halosilanes  
IN    Jansen, Martin; Jaeschke, Thomas; Kaehsnitz, John; Schmidt, Joerg; Schladerbeck, Norbert  
PA    Max-Planck-Gesellschaft Zur Foerderung der Wissenschaften e.v., Germany  
SO    PCT Int. Appl., 41pp.  
      CODEN: PIXXD2

DT    Patent

LA    German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006082069	A1	20060810	WO 2006-EP953	20060203
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	DE 102005005383	A1	20060810	DE 2005-10200500538320050205	
EP	1844058	A1	20071017	EP 2006-706621	20060203
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP	2008528651	T	20080731	JP 2007-553540	20060203
US	20090030157	A1	20090129	US 2008-815636	20080912
PRAI	DE 2005-102005005383		20050205		
	WO 2006-EP953		20060203		

RE.CNT 5    THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
            ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7    ANSWER 2 OF 8 MARPAT COPYRIGHT 2009 ACS on STN  
AN    136:247699 MARPAT Full-text  
TI    Preparation of (silylalkyl)boranes, (silylalkyl)borazines, oligoborocarbosilazanes, polyborocarbosilazanes and high temperature-stable silicon boron carbide nitride ceramics  
IN    Jansen, Martin; Jaeschke, Thomas  
PA    Max-Planck-Gesellschaft zur Foerderung der Wissenschaften E.V., Germany  
SO    PCT Int. Appl., 46 pp.  
      CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002022625	A1	20020321	WO 2001-EP10540	20010912
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	DE 10045050	A1	20020321	DE 2000-10045050	20000912
	DE 10108069	A1	20020822	DE 2001-10108069	20010220
	AU 2001087731	A	20020326	AU 2001-87731	20010912
	CA 2421655	A1	20030307	CA 2001-2421655	20010912
	EP 1317463	A1	20030611	EP 2001-967334	20010912
	EP 1317463	B1	20050323		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	JP 2004509127	T	20040325	JP 2002-526876	20010912
	AT 291580	T	20050415	AT 2001-967334	20010912
	ES 2236299	T3	20050716	ES 2001-967334	20010912
	US 20040039217	A1	20040226	US 2003-380553	20030312
	US 7148368	B2	20061212		
	US 20070063396	A1	20070322	US 2006-555934	20061102
	US 7342123	B2	20080311		
PRAI	DE 2000-10045050		20000912		
	DE 2001-10108069		20010220		
	US 2000-380553		20000312		
	WO 2001-EP10540		20010912		
	US 2003-380553		20030312		

OS CASREACT 136:247699

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2006:648275 CAPLUS Full-text  
DN 145:253794  
TI A new borazine-type single source precursor for Si/B/N/C ceramics  
AU Jaeschke, Thomas; Jansen, Martin  
CS Max-Planck-Institut fuer Festkoerperforschung, Stuttgart, D-70569, Germany  
SO Journal of Materials Chemistry (2006), 16(27), 2792-2799  
CODEN: JMACEP; ISSN: 0959-9428  
PB Royal Society of Chemistry  
DT Journal  
LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2005:304935 CAPLUS Full-text  
DN 143:11736  
TI A Construction Kit for Si-B-C-N Ceramic Materials Based on Borazine Precursors  
AU Haberecht, Joerg; Nesper, Reinhard; Gruetzmacher, Hansjoerg  
CS Laboratory of Inorganic Chemistry, ETH Zuerich, Zurich, CH-8093, Switz.

SO Chemistry of Materials (2005), 17(9), 2340-2347  
CODEN: CMATEX; ISSN: 0897-4756

PB American Chemical Society

DT Journal

LA English

RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2004:675701 CAPLUS Full-text

DN 141:178208

TI Method for production of a B/N/C/Si ceramic from a borazine precursor for  
making heating

IN Nesper, Reinhard; Haberecht, Joerg; Gruetzmacher, Hansjoerg

PA Eidgenoessische Technische Hochschule Zuerich, Switz.

SO PCT Int. Appl., 24 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004069768	A1	20040819	WO 2004-CH52	20040202
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1590310	A1	20051102	EP 2004-707180	20040202
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 20060293164	A1	20061228	US 2005-544211	20050802
PRAI	CH 2003-149	A	20030203		
	WO 2004-CH52	W	20040202		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2000:248351 CAPLUS Full-text

DN 132:347632

TI Synthesis of silyl substituted organoboranes by hydroboration of  
vinylsilanes

AU Ruwisch, Lutz M.; Durichen, Peter; Riedel, Ralf

CS Fachbereich Materialwissenschaft, Fachgebiet Disperse Feststoffe,  
Technische Universitat Darmstadt, Darmstadt, 64287, Germany

SO Polyhedron (2000), 19(3), 323-330

CODEN: PLYHDE; ISSN: 0277-5387

PB Elsevier Science Ltd.

DT Journal

LA English

RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1964:60991 CAPLUS Full-text

DN 60:60991

OREF 60:10704g-h,10705a

TI Synthesis of B-organofunctional borazine derivatives  
AU Seyferth, Dietmar; Kogler, Hubert P.; Freyer, Walter R.; Takamizawa,  
Minoru; Yamazaki, Hiroshi; Sato, Yasuhiko  
CS Massachusetts Inst. of Technol., Cambridge  
SO Advances in Chemistry Series (1964), 42, 259-65  
CODEN: ADCSAJ; ISSN: 0065-2393  
DT Journal  
LA Unavailable

L7 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1964:60990 CAPLUS Full-text  
DN 60:60990  
OREF 60:10704f-g  
TI Reaction of nitric oxide with tributylborane  
AU Inatome, Masahiro; Kuhn, Lester P.  
CS Aberdeen Proving Ground, MD  
SO Advances in Chemistry Series (1964), 42, 183-91  
CODEN: ADCSAJ; ISSN: 0065-2393  
DT Journal  
LA Unavailable

=> FIL STNGUIDE  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
—  
FULL ESTIMATED COST 265.59 266.03

FILE 'STNGUIDE' ENTERED AT 15:53:02 ON 30 JUN 2009  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jun 26, 2009 (20090626/UP).

=> FILE STNGUIDE  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
—  
FULL ESTIMATED COST 0.98 267.01

FILE 'STNGUIDE' ENTERED AT 16:01:29 ON 30 JUN 2009  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jun 26, 2009 (20090626/UP).

=> FILE STNGUIDE  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
—  
FULL ESTIMATED COST 0.63 267.64

FILE 'STNGUIDE' ENTERED AT 16:06:36 ON 30 JUN 2009  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jun 26, 2009 (20090626/UP).

=> FILE CASLINK  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
	0.21 267.85

FILE 'CAPLUS' ENTERED AT 16:08:39 ON 30 JUN 2009  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

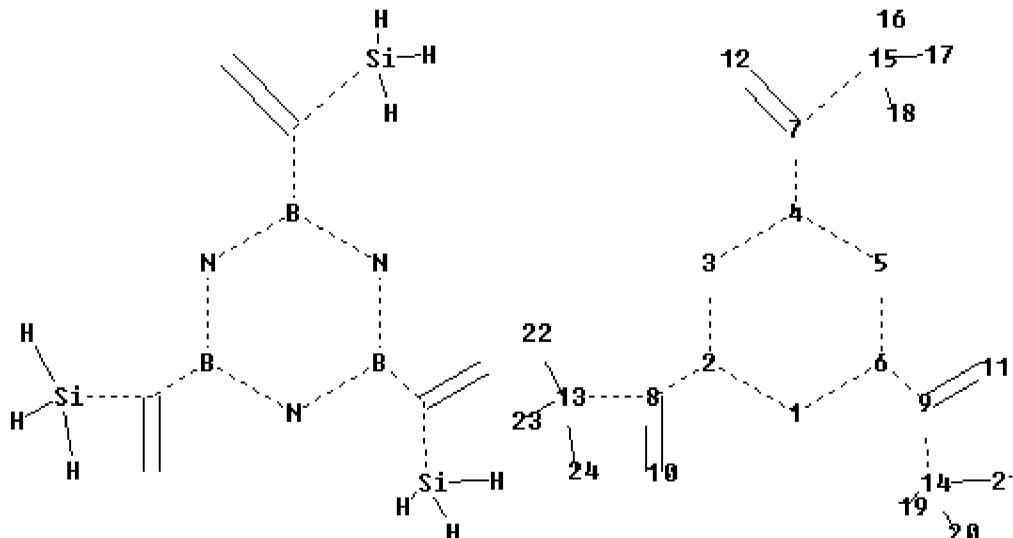
FILE 'MARPAT' ENTERED AT 16:08:39 ON 30 JUN 2009  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2009 American Chemical Society (ACS)

FILE 'REGISTRY' ENTERED AT 16:08:39 ON 30 JUN 2009  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2009 American Chemical Society (ACS)

CLUSTER 'CASLINK' ENTERED

Predefined command sequences will be executed in  
 REGISTRY, MARPAT, and CAPLUS.

=>  
 Uploading C:\TDH\PTA\YApplication Examination\Series 10\10 544211\STN\STN 10544211  
 062930AB.str



chain nodes :  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24  
 ring nodes :  
 1 2 3 4 5 6  
 chain bonds :  
 2-8 4-7 6-9 7-12 7-15 8-10 8-13 9-11 9-14 13-22 13-23 13-24 14-19 14-20  
 14-21 15-16 15-17 15-18  
 ring bonds :  
 1-2 1-6 2-3 3-4 4-5 5-6  
 exact/norm bonds :

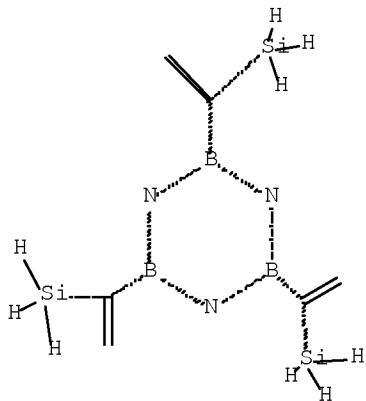
1-2 1-6 2-3 2-8 3-4 4-5 4-7 5-6 6-9 7-15 8-13 9-14  
exact bonds :  
7-12 8-10 9-11 13-22 13-23 13-24 14-19 14-20 14-21 15-16 15-17 15-18

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS

L8 STRUCTURE UPLOADED

=> D  
L8 HAS NO ANSWERS  
L8 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L8 SSS SAM

S L8 SSS SAM FILE=REGISTRY  
SAMPLE SEARCH INITIATED 16:09:03 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 1 TO 80  
PROJECTED ANSWERS: 0 TO 0

L9 0 SEA SSS SAM L8  
1 FILES SEARCHED...

S L9 SSS SAM FILE=MARPAT  
SAMPLE SEARCH INITIATED 16:09:04 FILE 'MARPAT'  
SAMPLE SCREEN SEARCH COMPLETED - 31 TO ITERATE

100.0% PROCESSED 31 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 286 TO 954  
PROJECTED ANSWERS: 0 TO 0

L10 0 SEA SSS SAM L8  
1 FILES SEARCHED...

=> S L8 SSS FULL

S L8 SSS FUL FILE=REGISTRY  
FULL SEARCH INITIATED 16:09:16 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 25 TO ITERATE

100.0% PROCESSED 25 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L11 0 SEA SSS FUL L8  
1 FILES SEARCHED...

S L11 SSS FUL FILE=MARPAT  
FULL SEARCH INITIATED 16:09:17 FILE 'MARPAT'  
FULL SCREEN SEARCH COMPLETED - 658 TO ITERATE

100.0% PROCESSED 658 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

L12 1 SEA SSS FUL L8  
1 FILES SEARCHED...

S L11 FILE=CAPLUS  
L13 0 FILE CAPLUS  
1 FILES SEARCHED...

DUP REM L12 L13  
L13 HAS NO ANSWERS  
PROCESSING COMPLETED FOR L12  
PROCESSING COMPLETED FOR L13  
L14 1 DUP REM L12 L13 (0 DUPLICATES REMOVED)  
ANSWER '1' FROM FILE MARPAT

=> D L14

L14 ANSWER 1 OF 1 MARPAT COPYRIGHT 2009 ACS on STN  
AN 145:189021 MARPAT Full-text  
TI Improved process for continuous production of oligomeric and polymeric organic borylated silazanes by aminolysis silyl boron halides or borylated halosilanes  
IN Jansen, Martin; Jaeschke, Thomas; Kaehsnitz, John; Schmidt, Joerg; Schladerbeck, Norbert  
PA Max-Planck-Gesellschaft Zur Foerderung der Wissenschaften e.v., Germany  
SO PCT Int. Appl., 41pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006082069	A1	20060810	WO 2006-EP953	20060203
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
DE 102005005383	A1	20060810	DE 2005-10200500538320050205	
EP 1844058	A1	20071017	EP 2006-706621	20060203
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2008528651	T	20080731	JP 2007-553540	20060203
US 20090030157	A1	20090129	US 2008-815636	20080912
PRAI DE 2005-102005005383 20050205 WO 2006-EP953 20060203				
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> D RE

L14 ANSWER 1 OF 1 MARPAT COPYRIGHT 2009 ACS on STN  
RE  
 (1) Basf Aktiengesellschaft; EP 0031423 A 1981 CAPLUS  
 (2) Bayer Ag; DE 4241288 A1 1994 CAPLUS  
 (3) Bayer Ag; DE 19530390 A1 1997 CAPLUS  
 (4) Dow Corning Corp; DE 4302211 A1 1997 CAPLUS  
 (5) Hoechst Ag; DE 4320784 A1 1994 CAPLUS

=> SET SMA OFF

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(1) L14 1

E1 THROUGH E1 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	256.26	524.11

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FILE COVERS 1907 - 30 Jun 2009 VOL 151 ISS 1  
FILE LAST UPDATED: 29 Jun 2009 (20090629/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

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=> S E1

L15 1 "1981:481765"/AN

=> D L15 BIB,ABS

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1981:481765 CAPLUS Full-text  
DN 95:81765  
OREF 95:13845a,13848a  
TI Polyphenylpolymethylpolyamines  
IN Koehler, Waldemar; Langensiepen, Hans Werner; Mueller, Berthold  
PA BASF A.-G. , Fed. Rep. Ger.  
SO Ger. Offen., 22 pp.  
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2947531	A1	19810604	DE 1979-2947531	19791126
EP	31423	A1	19810708	EP 1980-106808	19801105
EP	31423	B1	19840620		

R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE

PRAI DE 1979-2947531 A 19791126

AB The title product, with a high content of  $\text{CH}_2(\text{C}_6\text{H}_4\text{NH}_2)_2$  (I) and particularly the 4,4'-isomer [101-77-9], is prepared by continuous condensation of  $\text{PhNH}_2$  [62-53-3],  $\text{HCHO}$  [50-00-0], and amine  $\text{HCl}$  ( $\text{PhNH}_2$ - $\text{HCHO}$  2.5-3:1,  $\text{HCl}$ - $\text{PhNH}_2$  0.4-0.9:1) at 50° and condensing 1 part product with 0.5-1 part  $\text{PhNH}_2$ . Thus,  $\text{PhNH}_2$  112, 30%  $\text{HCHO}$  122, and a solution of  $\text{PhNH}_2$  172, I 21,  $\text{HCl}$  72, and  $\text{H}_2\text{O}$  278 g/h were added to a reactor stirred at 40° with residence time 1 h, and the effluent was passed through successive reactors with temperature 50, 80, and 103° and residence time 1 h each.

PhNH<sub>2</sub> (120 g/h) and 625 g/h H<sub>2</sub>O-saturated PhNH<sub>2</sub> were added at 40°, and the mixture was extracted countercurrently at 25° with 1520 g/h solution of I 17.3, PhNH<sub>2</sub> 51.0, HCl 4.7, and H<sub>2</sub>O 27% and 1520 g/h H<sub>2</sub>O to give 2046 g/h aqueous phase containing I 1.0, PhNH<sub>2</sub> 11.3, HCl 3.5, and H<sub>2</sub>O 84.2%, and 994 g organic extract containing I 22, PhNH<sub>2</sub> 62.5, and H<sub>2</sub>O 14.5%, giving on distillation 242 g/h crude product containing 78% I, of which 98% was the 4,4'-isomer.

=> FIL CASLINK

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.74	529.85
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.82	-0.82

FILE 'CAPLUS' ENTERED AT 16:10:19 ON 30 JUN 2009  
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=> SEL RAN.CAPLUS(2) L14 1

E2 THROUGH E2 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.82	531.67
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL

ENTRY SESSION  
CA SUBSCRIBER PRICE 0.00 -0.82

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REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009  
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=> S E2

L16 1 "1995:498237"/AN

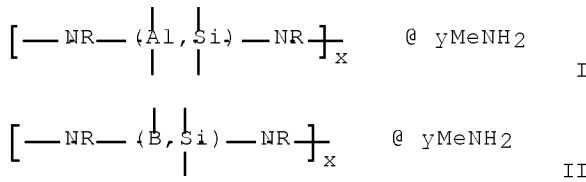
=> D L16 BIB,ABS

L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1995:498237 CAPLUS Full-text  
DN 123:15909  
OREF 123:3015a,3018a  
TI Aluminoxane- and boroxane-silazanes, and their manufacture and use  
IN Loeffelholz, Josua; Jansen, Martin  
PA Bayer A.-G., Germany  
SO Ger. Offen., 10 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 4241288	A1	19940609	DE 1992-4241288	19921208
US 5405982	A	19950411	US 1993-157814	19931124
EP 601405	A2	19940615	EP 1993-118987	19931125
EP 601405	B1	19970730		

R: DE, FR, GB, IT

JP 06220202 A 19940809 JP 1993-339222 19931206  
 JP 3224662 B2 20011105  
 PRAI DE 1992-4241288 A 19921208  
 GI



**AB** In the aluminoxane-silazanes, having general formula I in which each Si and Al atom is coordinated with 4 N atoms, each N atom carries an organic group R (R = C1-C6-alkyl, vinyl, Ph; x > 5), and in the boroxane-silazanes, having general formula II in which each Si is coordinated with 4 N atoms and each B atom with ≥ 2 N atoms and ≤ 1 H atoms, each N atom carries an organic group R (R = C1-C6-alkyl, vinyl, Ph; x > 5). The I and II are manufactured by condensing tetrakisorganoaminosilanes having general formula Si(NHR)<sub>4</sub> (R as above) in an organic solvent with an AlH<sub>3</sub> or a BH<sub>3</sub> component, resp., under H formation. The I and II are used for manufacturing Si/Al/N/C- and Si/B/N/C-type ceramics, ceramic fibers and ceramic coatings by pyrolysis at 600-2000° in inert, N-, or NH<sub>3</sub>-containing atmospheric

=> FIL CASLINK

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.74	537.41
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		
CA SUBSCRIBER PRICE	SINCE FILE ENTRY	TOTAL SESSION
	-0.82	-1.64

FILE 'CAPLUS' ENTERED AT 16:10:38 ON 30 JUN 2009  
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=> SET SMA OFF

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(3) L14 1

E3 THROUGH E3 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.82	539.23

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.64

FILE 'CAPLUS' ENTERED AT 16:11:11 ON 30 JUN 2009

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FILE COVERS 1907 - 30 Jun 2009 VOL 151 ISS 1

FILE LAST UPDATED: 29 Jun 2009 (20090629/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

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=> S E3

L17 1 "1997:253801"/AN

=> D L17 BIB,ABS

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1997:253801 CAPLUS Full-text  
DN 126:238847  
OREF 126:46221a,46224a  
TI Infusible polyborasilazanes  
IN Perchenek, Nils; Passing, Gerd; Baldus, Hans-Peter  
PA Bayer A.-G., Germany  
SO Ger. Offen., 3 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 19530390	A1	19970220	DE 1995-19530390	19950818
PRAI DE 1995-19530390		19950818		

AB The title polymers, useful in powd. ceramics, fibers, and moldings, are prepared by the reaction of fusible polyborasilazanes with borane amine adducts. A highly viscous polyborasilazane (prepared from Cl<sub>3</sub>SiNHBCl<sub>2</sub> and MeNH<sub>2</sub> at -70° to +90°) was stirred (14.4 g) with 3.01 g BH<sub>3</sub>.NH<sub>3</sub> in THF at room temperature for 12 h to give 16.4 g colorless, infusible polyborasilazane which, when heated at 1°/min to 1450° in N<sub>2</sub>, gave a 55.7% yield of ceramic without melting or foaming.

=> FIL CASLINK

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.74	544.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.82	-2.46

FILE 'CAPLUS' ENTERED AT 16:11:13 ON 30 JUN 2009  
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=> SEL RAN.CAPLUS(4) L14 1  
E4 THROUGH E4 ASSIGNED  
=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.82	546.79
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.46

FILE 'CAPLUS' ENTERED AT 16:11:41 ON 30 JUN 2009  
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REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

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=> S E4

L18 1 "1997:433426"/AN

=> D L18 BIB,ABS

L18 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1997:433426 CAPLUS Full-text  
 DN 127:54613  
 OREF 127:10349a,10352a  
 TI Manufacture of substantially crystalline silicon carbide fibers from borosilazanes, and method for infusibilizing these fibers  
 IN Bujalski, Duane Ray; Zank, Gregg Alan; Barnard, Thomas Duncan  
 PA USA  
 SO Can. Pat. Appl., 18 pp.  
 CODEN: CPXXEB  
 DT Patent  
 LA English  
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2086266	A1	19970312	CA 1992-2086266	19921224
GB 2319022	A	19980513	GB 1992-26641	19921222
GB 2319022	B	19980902		
FR 2746417	A1	19970926	FR 1993-240	19930113
FR 2746417	B1	19980724		
DE 4302211	A1	19970904	DE 1993-4302211	19930127
DE 4302211	C2	20011004		

PRAI CA 1992-2086266 A 19921224

AB The method comprises spinning fibers from a preceramic polymer comprising a borosilazane containing .gtorsim.0.2 weight% B and (by itsceramic char) .gtorsim.0.1 weight% free C, infusibilizing the fibers, and pyrolyzing the fibers in nonoxidizing atmospheric at .gtorsim.1700°. The fibers are infusibilized by exposing ther fibers to an atmospheric comprising gases selected from HCl, HCl followed by water vapor, HCl followed by NH3, BC13 followed by NH3, borane, and Cl followed by NH3. The fibers have crystallinity .gtorsim.75%, d. .gtorsim.2.9 g/cm<sup>3</sup>, and contain O .ltorsim.0.5 and N >1 weight%.

=> FIL CASLINK

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.74	552.53
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.82	-3.28

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=> SEL RAN.CAPLUS(5) L14 1

E5 THROUGH E5 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.82	554.35
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.28

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=> S E5

L19 1 "1994:515980"/AN

=> D L19 BIB,ABS

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1994:515980 CAPLUS Full-text

DN 121:115980

OREF 121:20817a,20820a

TI Manufacture of borosilazane copolymers, the copolymers obtained, and manufacture of silicon-, boron-, carbon-, and nitrogen-, and silicon-, boron-, and nitrogen-containing ceramics, and the ceramics obtained  
IN Riedel, Ralf; Kienzle, Andreas; Petzow, Guenter; Brueck, Martin; Vaahs, Tilo

PA Hoechst A.-G., Germany

SO Ger. Offen., 9 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 4320784	A1	19940105	DE 1993-4320784	19930623
PRAI DE 1992-4221653	A1	19920702		

AB The borosilazane copolymers are manufd. by reacting  $\geq 1$  tris(silylboranes) having general formula B(C<sub>2</sub>H<sub>4</sub>SiCl<sub>2</sub>X)<sub>3</sub> [C<sub>2</sub>H<sub>4</sub> may be CH<sub>2</sub>CH<sub>2</sub> or CH(Me); X = Cl or C<sub>1</sub>-4-aliphatic moiety] in admixt. with a chlorosilane selected from R<sub>1</sub>SiCl<sub>3</sub> and R<sub>2</sub>R<sub>3</sub>SiCl<sub>2</sub> (independently, R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> = H or C<sub>1</sub>-4-aliphatic moiety) with NH<sub>3</sub>. The borosilazane copolymers have general formula  
 $-[-\text{Si}(\text{NH}-)(\text{C}_2\text{H}_4\text{B}<)\text{NH}-]\text{a}-[-\text{Si}(\text{R})(\text{C}_2\text{H}_4\text{B}<)\text{NH}-]\text{b}-[\text{Si}(\text{R}_2)(\text{R}_3)\text{NH}-]\text{c}-[\text{Si}(\text{R}_1)(\text{NH}-)\text{NH}-]\text{d}-$  (C<sub>2</sub>H<sub>4</sub> and R<sub>1</sub>-3 as above; R = C<sub>1</sub>-4-aliphatic moiety; a + b + c + d = 1). The Si-, B-, C-, and N-containing ceramics are manufactured by pyrolyzing the borosilazane copolymers in N or Ar at 500-2000°, and the Si-, B-, and N-containing ceramics are manufactured by pyrolyzing the B-containing borosilazane copolymers in NH<sub>3</sub>-containing atmospheric at 500-2000°. Dichloromethylvinylsilane was reacted in PhMe with dimethylsulfideborane to give tris[(dichloromethylsilyl)ethyl]borane, which was reacted in admixt. with trichlorovinylsilane in THF with NH<sub>3</sub> to give borosilazane copolymers. The borosilazane copolymers were pyrolyzed in Ar at 1100° to give ceramic fibers containing C 23.3, N 21.3, Si 48.0, and O 1.7 weight%.

=> FIL CASLINK

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.74	560.09
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.82	-4.10

FILE 'CAPLUS' ENTERED AT 16:12:59 ON 30 JUN 2009

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FILE 'MARPAT' ENTERED AT 16:12:59 ON 30 JUN 2009  
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FILE 'REGISTRY' ENTERED AT 16:12:59 ON 30 JUN 2009  
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CLUSTER 'CASLINK' ENTERED

Predefined command sequences will be executed in  
REGISTRY, MARPAT, and CAPLUS.

=> FILE STNGUIDE			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	6.46	566.55	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-4.10	

FILE 'STNGUIDE' ENTERED AT 16:19:38 ON 30 JUN 2009  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jun 26, 2009 (20090626/UP).

=> LOG Y

(FILE 'HOME' ENTERED AT 15:47:22 ON 30 JUN 2009)

FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 15:48:37 ON 30 JUN 2009

L1	STRUCTURE uploaded
	D
L2	1 SEA FILE=REGISTRY SSS SAM L1
L3	0 SEA FILE=MARPAT SSS SAM L1
	D SCAN L2
L4	6 SEA FILE=REGISTRY SSS FUL L1
L5	2 SEA FILE=MARPAT SSS FUL L1
L6	6 SEA FILE=CAPLUS SPE=ON PLU=ON L4
	SET DUPORDER FILE
L7	8 DUP REM L5 L6 (0 DUPLICATES REMOVED)
	ANSWERS '1-2' FROM FILE MARPAT
	ANSWERS '3-8' FROM FILE CAPLUS
	D L7 1-8

FILE 'STNGUIDE' ENTERED AT 15:53:02 ON 30 JUN 2009

FILE 'STNGUIDE' ENTERED AT 16:01:29 ON 30 JUN 2009

FILE 'STNGUIDE' ENTERED AT 16:06:36 ON 30 JUN 2009

FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:08:39 ON 30 JUN 2009

L8	STRUCTURE uploaded
	D

```

L9      0 SEA FILE=REGISTRY SSS SAM L8
L10     0 SEA FILE=MARPAT SSS SAM L8
L11     0 SEA FILE=REGISTRY SSS FUL L8
L12     1 SEA FILE=MARPAT SSS FUL L8
L13     0 SEA FILE=CAPLUS SPE=ON PLU=ON L11
L14     1 DUP REM L12 L13 (0 DUPLICATES REMOVED)
          ANSWER '1' FROM FILE MARPAT
D L14
D RE
SET SMA OFF
SEL RAN.CAPLUS(1) L14 1
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:10:17 ON 30 JUN 2009
L15     1 SEA FILE=CAPLUS SPE=ON PLU=ON "1981:481765"/AN
          D L15 BIB,ABS

FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:10:19 ON 30 JUN 2009
          SET SMA OFF
          SEL RAN.CAPLUS(2) L14 1
          SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:10:36 ON 30 JUN 2009
L16     1 SEA FILE=CAPLUS SPE=ON PLU=ON "1995:498237"/AN
          D L16 BIB,ABS

FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:10:38 ON 30 JUN 2009
          SET SMA OFF
          SEL RAN.CAPLUS(3) L14 1
          SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:11:11 ON 30 JUN 2009
L17     1 SEA FILE=CAPLUS SPE=ON PLU=ON "1997:253801"/AN
          D L17 BIB,ABS

FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:11:13 ON 30 JUN 2009
          SET SMA OFF
          SEL RAN.CAPLUS(4) L14 1
          SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:11:41 ON 30 JUN 2009
L18     1 SEA FILE=CAPLUS SPE=ON PLU=ON "1997:433426"/AN
          D L18 BIB,ABS

FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:11:43 ON 30 JUN 2009
          SET SMA OFF
          SEL RAN.CAPLUS(5) L14 1
          SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:12:57 ON 30 JUN 2009
L19     1 SEA FILE=CAPLUS SPE=ON PLU=ON "1994:515980"/AN
          D L19 BIB,ABS

FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:12:59 ON 30 JUN 2009

FILE 'STNGUIDE' ENTERED AT 16:19:38 ON 30 JUN 2009
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          0.07        566.62

```

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-4.10

STN INTERNATIONAL LOGOFF AT 16:19:47 ON 30 JUN 2009